AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all earlier versions.

Please amend the claims as follows.

Claim 1 (original). An olefin process, comprising:

- passing a light alkane stream comprising ethane, propane or a combination thereof through a steam pyrolysis zone and quenching effluent therefrom to form a pyrolysis effluent enriched in ethylene, propylene or a combination thereof;
- 4 carbon atoms in a first FCC zone to form a first FCC effluent enriched in ethylene, propylene or a combination thereof;
- or a combination thereof, in a second FCC zone to form a second FCC effluent enriched in ethylene, propylene or a combination thereof;
- fractionating the first and second FCC effluents together to remove heavy naphtha, light cycle oil, slurry oil, or a combination thereof and recover a combined olefin-containing FCC fraction;
- conditioning the pyrolysis effluent together with the combined FCC fraction to remove oxygenates, acid gases, water or a combination thereof to form a conditioned stream;
- separating the conditioned stream into at least a tail gas stream, an ethylene product stream, a propylene product stream, a light stream comprising ethane, propane, or a combination thereof, an intermediate stream comprising olefin selected from C₄ to C₆

olefins and mixtures thereof, and a heavy stream comprising C₆ and higher hydrocarbons;

- recycling the light stream to the steam pyrolysis zone; and recycling the intermediate stream to the first FCC zone.
- Claim 2 (original). The olefin process of claim 1, further comprising recycling the heavy stream to the first FCC zone.
- Claim 3 (original). The olefin process of claim 1, further comprising:

 hydrotreating the heavy stream to obtain a hydrotreated stream;

 extracting a product stream comprising benzene, toluene, xylenes or a

 mixture thereof from the hydrotreated stream to obtain a

 raffinate stream lean in aromatics; and

 recycling the raffinate stream to the steam pyrolysis zone.
- Claim 4 (original). The olefin process of claim 1, wherein the light alkane stream passed through the steam pyrolysis zone further comprises naphtha.
- Claim 5 (original). The olefin process of claim 1, wherein the light alkane stream passed through the steam pyrolysis zone further comprises LPG.
- Claim 6 (original). The olefin process of claim 1, wherein the light hydrocarbon stream cracked in the first FCC zone comprises FCC naphtha.
- Claim 7 (original). The olefin process of claim 1, wherein the light hydrocarbon stream cracked in the first FCC zone comprises olefins having from 4 to 8 carbon atoms.
- Claim 8 (original). The olefin process of claim 1, wherein the refinery stream cracked in the second FCC zone comprises waxy gas oil.

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- Claim 9 (withdrawn, currently amended). An olefin process unit, comprising:
- parallel steam pyrolysis, light olefin FCC and gas oil-resid FCC zones for producing a combined effluent comprising ethylene and propylene.

 comprising:[[;]]
 - means for passing a light alkane stream comprising ethane,

 propane or a combination thereof through the steam

 pyrolysis zone and quenching effluent therefrom to form

 a pyrolysis effluent enriched in ethylene, propylene or a

 combination thereof;
 - means for cracking a light hydrocarbon stream comprising olefins having at least 4 carbon atoms in the light olefin FCC zone to form a first FCC effluent enriched in ethylene, propylene or a combination thereof;
 - means for cracking a refinery stream comprising gas oil, full range gas oil, resid, or a combination thereof, in a gas-oil resid FCC zone to form a second FCC effluent enriched in ethylene, propylene or a combination thereof;
 - means for fractionating the first and second FCC effluents
 together to remove heavy naphtha, light cycle oil, slurry
 oil, or a combination thereof and recover a combined
 olefin-containing FCC fraction;
- means for conditioning the combined effluent comprising the pyrolysis effluent and the combined olefin-containing FCC fraction to remove oxygenates, acid gases and water to form a conditioned stream;
- means for separating the conditioned stream into at least a tail gas stream, an ethylene product stream, a propylene product stream, a light stream

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comprising ethane, propane, or a combination thereof, an intermediate stream comprising olefin selected from C₄ to C₆ olefins and mixtures thereof, and a heavy stream comprising C₆ and higher hydrocarbons; means for recycling the light stream to the steam pyrolysis zone; and means for recycling the intermediate stream to the first FCC zone.